



LC-425/US
PATENT APPLICATION

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:) Examiner: NYA
Weitong Shi, et al. :
)
Application No.: 09/994,073 : Group Art Unit: NYA
)
Filed: November 27, 2001 :
)
For: ELASTOMER TOUGHENED :
RADIATION CURABLE :
ADHESIVE : May 16, 2002

Commissioner for Patents
Washington, D.C. 20231

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DECLARATION OF WEITONG SHI

Sir:

I, Weitong Shi, hereby declare that:

1. I am employed at Loctite Corporation, 1001 Trout Brook Crossing, Rocky Hill, CT 06067 ("Loctite"), assignee of the subject application.

2. I have been employed at Loctite since 1997, initially as a Senior Development Chemist II and from 2000 through the present time as a Senior Development Scientist.

3. Prior to joining Loctite, I was employed at Rexam Graphics, South Hadley, MA, as a Product Technologist for two years, during which time I worked on developing imaging products.

4. Prior to joining Rexam Graphics, I received my B.S. and M.S. degrees in Chemical Engineering from the Beijing

Institute of Chemical Fiber Technology in China in 1984 and 1987, respectively. I received my Ph.D. degree in Polymer Chemistry from Rensselaer Polytechnic Institute in Troy, New York in 1994.

5. In my capacity as a Senior Development Scientist at Loctite my duties are performed in accordance with Loctite's written policies and procedures.

6. I make this Declaration in support of a property rights statement in this application, in response to a U.S. Patent and Trademark Office Communication mailed April 4, 2002 (Paper No. 2).

7. I am a co-inventor of the invention embodied in this application.

8. The invention is directed to a radiation curable adhesive composition. The invention includes a) β -olefinically unsaturated ether monomer component consisting of one or more compounds having the formula: $R[O-CH=CHR^1]_n$ where R is an n-valent carbon-linked organic group R^1 is H or monovalent carbon-linked organic group and n has a value of 1 or more, b) an elastomeric polymer having a tensile strength at break of greater than 1500 psi (10342 kPa), and an elongation at break of greater than 100%, and c) a cationic photoinitiator.

9. The invention was made and conceived while I was employed by Loctite.

10. The invention is related to the work that I am employed to perform at Loctite and was made within the scope of my employment duties.

11. The invention was made during working hours at Loctite and with the use of facilities, equipment, materials, funds, information and services of Loctite.

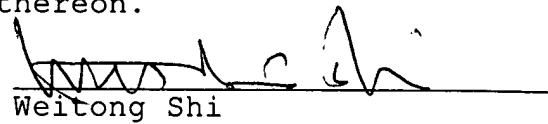
12. To the best of my knowledge and belief the invention was not made or conceived in the course of, or in connection with, or under the terms of any contract, subcontract or arrangement entered into with or for the benefit of the United States Atomic Energy Commission or its successors: Energy Research and Development Administration or the Department of Energy.

13. To the best of my knowledge and belief, the invention was not made (conceived or first actually reduced to practice) under nor is there any relationship of the invention or the performance of any work under any contract of the National Aeronautics and Space Administration.

14. To the best of my knowledge and belief, I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such

willful false statements may jeopardize the validity of the application or any patents issued thereon.

Dated this 17 day of May 2002



Weitong Shi

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